



# NITFS Compliance Registration



**Product:** **Imagine NITF™ Import/Export Module for  
ERDAS Imagine Version 9.3, Build 9.3.2**

**Sponsor:** **ERDAS**

**Developer:** **ERDAS**

**Date:** **18 October 2010**  
**Expiration:** **17 October 2012**  
**Registration #:** **2078A**

- ☐ Initial Registration  
☒ Supplemental/Update #  
☐ Derived from Reg. #

**System**  
N-0105/98, §4.1.1

**Product**  
N-0105/98, §4.1.2

**Component**  
N-0105/98, §4.1.3

## NITFS Features Implemented:

### Format

- ☒ NITF
- ☒ V2.1
- ☒ V2.0
- ☐ V1.1
- ☒ NSIF
- ☒ V1.0

### Pixel Value Types

- ☐ Boolean
- ☒ Integer
- ☒ Signed Integer \*
- ☒ IEEE Real \*
- ☒ IEEE Complex \*

### Annotation Segment Types

- ☒ Bit Mapped \*\*
- ☒ GEM, 2301
- ☒ GEM, 2301A
- ☒ Labels \*\*

### Text Segments

- ☒ GATA
- ☒ GWT1
- ☒ GWT8S
- ☒ GWTM

### Image Segment Types

- ☒ MONO
- ☒ RGB
- ☒ RGB/LUT
- ☒ YCbCr
- ☒ MULTI
- ☒ NODISPLAY
- ☐ POLAR

### Image Compression

- ☒ Not Compressed
- ☒ JPEG Lossy, 8-bit
- ☒ JPEG Lossy, 12-bit
- ☒ JPEG Downsample
- ☐ JPEG Lossless
- ☒ JPEG 2000
- ☒ Bi-Level
- ☒ Vector Quantization

### Data Extension Segments

- ☒ OVERFLOW
- ☐ STREAMING\_FILE\_HEADER
- ☒ Controlled Extensions \*\*
- ☐ Registered Extensions \*\*

### Tagged Record Extensions

- ☒ - Commercial SDE
- ☐ - DIGEST GeoSDE
- ☒ - National SDE
- ☐ - RSM
- ☒ - ICHIPB
- ☐ - IOMAPA
- ☒ - HISTOA
- ☒ - J2KLRA
- ☒ - PIAE
- ☐ - BANDSB
- ☐ - BCKGDA
- ☐ - MITOCA
- ☒ - NBLOCA

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

## Configurations Tested:

- Intel Core 2 Duo (MS Windows XP Pro)
- Intel Core 2 Duo (MS Vista Business)

- Legend**
- Interpret  
Generate
- ☒ Fully implemented
  - ☐ Partially implemented
  - ☐ Not implemented

BRENT L. SNYDER, Lt Col, USAF, Division  
Chief  
Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
product for the intended use. Optional NITFS features may not be implemented.